

# SPECIAL BULLETIN

O F F I C E O F T R A I N I N G

No. 6-73

15 February 1973

To: All Training Officers of the Agency

## LARGE SCALE SYSTEMS ANALYSIS (LSSA) FOR THE USER

The five day course, "LSSA for the User," sponsored by DDS&T introduces the main features of systems analysis, operations research and future research. The course is designed to introduce the user/manager to the systems approach and does not include instruction in computer hardware and software.

Through examples and workshops the course will present terminology, current research, and the applications of advanced methods which have proven useful in the management of governmental, industrial, social, and other large systems. LSSA will be related to certain current and potential future intelligence applications. Instruction will consist of discussions concerning the application of systems analysis/operations research methods to several complex problem areas as well as a familiarization with techniques such as simulation, modeling and technological forecasting.

OBJECTIVES: To direct thinking about complex, large-scale systems problems in a manner which is structured, logical and objective, which complements existing viewpoints gained through experience and intuition and which balances broad generalizations and overpowering detail.

To examine differing points of view about complex, large-scale systems problems developed as a natural result of the unavoidable specialized nature of many jobs.

To present justifications and rational means for recognizing and adapting to the interactions between human resources and automation technology.

(Over, please)



To provide more rigorous definitions of systems problems in order to create manageable approaches to difficult problems having no ready-made solutions and to distinguish between areas where intuitive judgment must be applied and where quantitative-computer techniques are possible.

To provide bases for assessing the performance effectiveness of complex, large-scale systems in the light of available techniques and technology.

To examine the advantages and disadvantages of systematic, quantifiable and automated approaches to problem-solving and forecasting.

DATES : 12 - 16 March 1973, 0900 - 1630 hours

LOCATION : Room 236, Chamber of Commerce Building

FOR : Middle and Senior Grade professional personnel from all Directorates and the Office of the Director interested in learning about modern approaches to the solution of complex, large scale problems. The course assumes minimal knowledge of the subject on the part of the attendee.

REGISTRATION: Form 73, "Request for Internal Training," should be submitted to OTR/ISS/AIR, Room 1036, Chamber of Commerce Building by 5 March 1973.

ADDITIONAL INFORMATION: On course content and administrative details, call extension 2243. For registration assistance, call OTR/ISS/AIR, extension 2365.

NOTE : Date of future running:  
23 - 27 April 1973